

The Storm window is officially open

Subject: The Storm window is officially open
From: Emada Tingirides <31546@lapd.online>
Date: 1/10/19, 3:47 PM

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FYI, Rain forecast for next week.

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From: Daniel Curry <lafdweather@gmail.com>
Sent: Thursday, January 10, 2019 1:19 PM
Subject: The storm window is officially open

Here is this morning's satellite water vapor image of the Eastern Pacific:

Models are advertising as many as five (5!) storms in the next 10 days or so. The jet stream is a bit further south than usual thanks to a blocking ridge along the Rocky Mountains, bringing the trajectory more directly overhead southern California. In addition, these low-pressure systems are poised to tap into atmospheric rivers emanating from the sub-tropics.

The first system will move into the area late Friday night (after midnight in L.A. County). Ample southerly flow feeding into the region ahead of the cold front puts the bullseye on the eastern Ventura County/southern Santa Barbara County area where peak rainfall rates will be north of 1/2" per hour and totals as high as 3 inches. Western Ventura County and Los Angeles County will see about 1/2" to 1 inch. Thunderstorms are possible Saturday morning. Nuisance mud/debris flows are likely, and thunderstorm activity will determine whether damage will rise beyond that.

After that, the exact timing of the series of impulses to follow is difficult to pin down. In general, a storm every other day is a good first guess. Storm #3 (Tuesday or Wednesday?) looks to be of the longest duration, while storm #4 (Thursday?) could be the strongest. Both of these systems will have better connection to sub-tropical moisture...

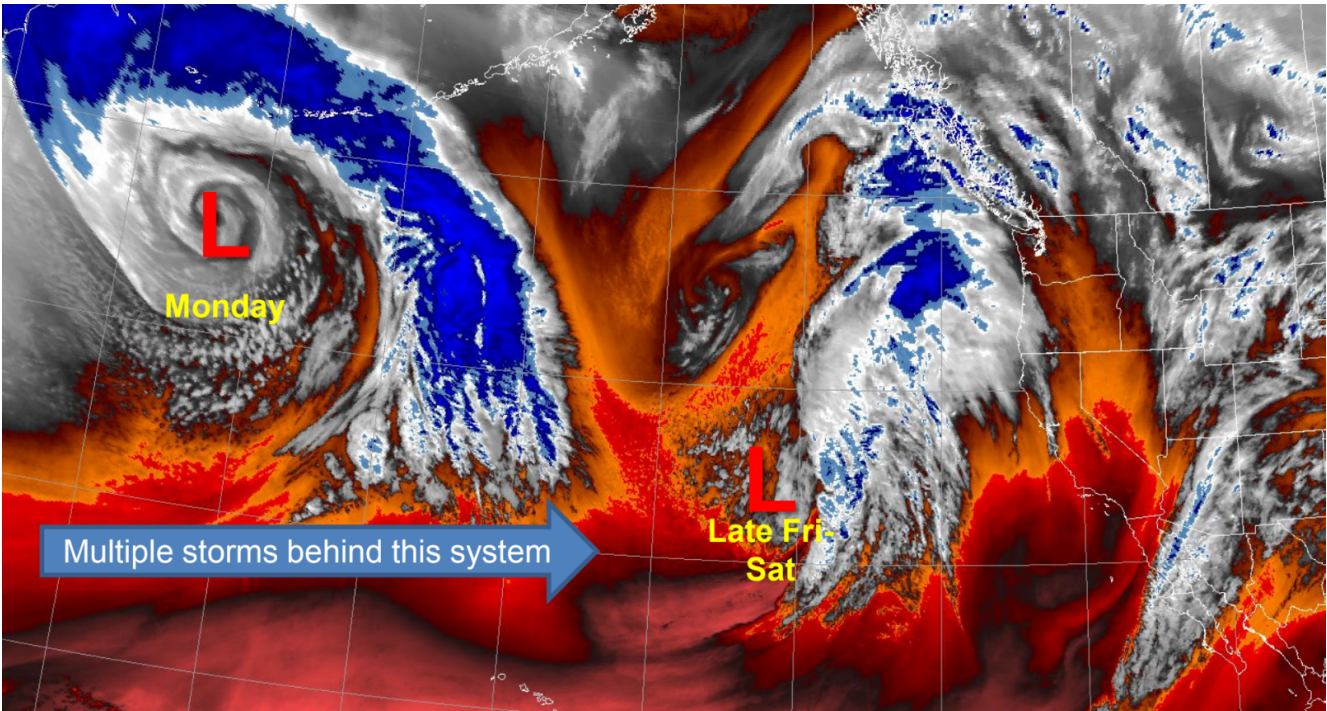
If we get a 5th storm, it would be around next weekend. After that, it looks like the door closes. After five storms, we may have had enough!

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Twitter: @lafdweather <<https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftwitter.com%2Flafdweather&data=02%7C01%7C31546%40lapd.online%7C556d9d1eb7e04d26c15e08d6774156bc%7C642fd61c34dd4fd0af8d443576485883%7C0%7C1%7C636827519889295963&sdata=CW0QvGbXAWIZZEB80aQvSWiAZGLDGeoG4PocIL03oh8%3D&reserved=0>>
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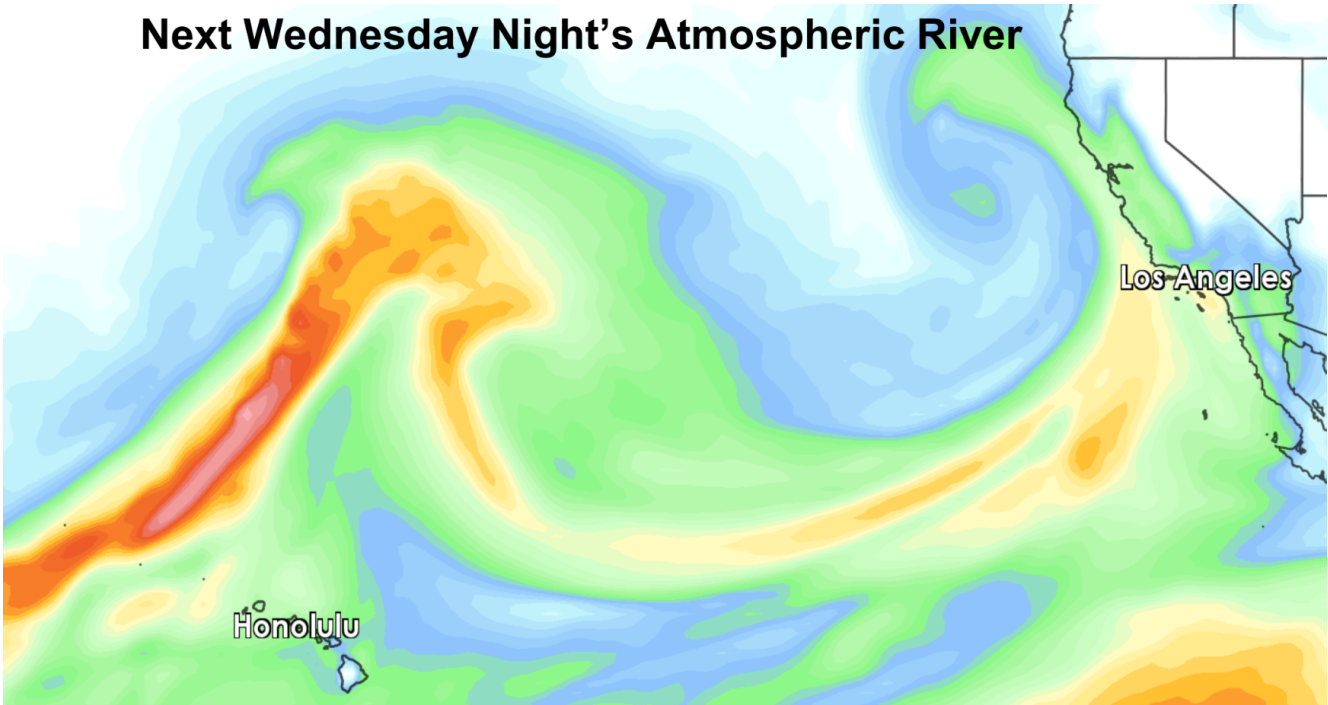


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Next Wednesday Night's Atmospheric River



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image.png		346 kB
image.png		768 kB